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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Notch1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_060087.3

Catalog No. A301-895A

GeneID 4851

Lot No. A301-895A-2



APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

AMOUNT 100 µl

CONCENTRATION 200 µg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to Notch1 immobilized on solid support.

The epitope recognized by A301-895A maps to a region between residue 2505 and 2555 of human Notch ortholog 1, translocation-associated using the numbering given in entry NP_060087.3 (GeneID 4851).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

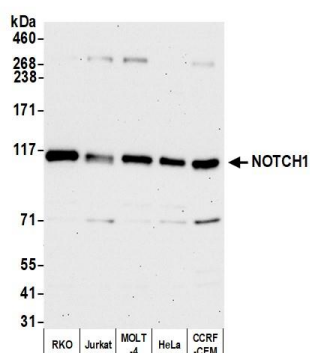
IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A301-895A>

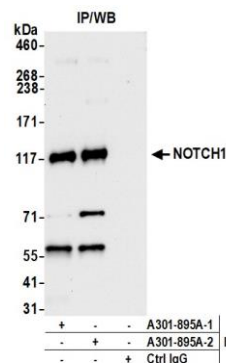
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

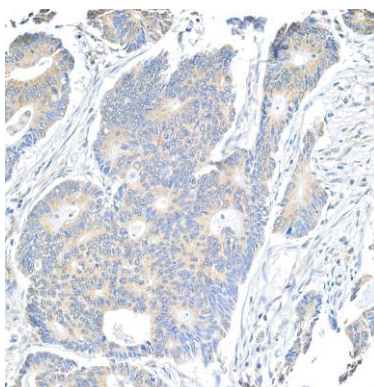
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: October 16, 2020



Detection of human NOTCH1 by western blot. *Samples:* Whole cell lysate (10 µg) from RKO, Jurkat, MOLT-4, HeLa, and CCRF-CEM cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NOTCH1 antibody A301-895A (lot A301-895A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human NOTCH1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NOTCH1 antibody A301-895A (lot A301-895A-2) used for IP at 6 µg per reaction. NOTCH1 was also immunoprecipitated by a previous lot of this antibody (lot A301-895A-1). For blotting immunoprecipitated NOTCH1, A301-895A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human Notch1 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-Notch1 (Cat. No. A301-895A Lot2) used at a dilution of 1:1,000 (1 µg/ml). *Substrate:* DAB